

RELEASED  
48-10-26 DS

Technical drawing showing a cross-sectional view of a mechanical part. The part features a central slot with a width of 1.125 (REF) and a depth of 0.250 (TYP). Four corner features are present, each with a radius of R0.125 (TYP 4 CORNERS). The overall height of the part is 4.380. A callout labeled "REFER TO DETAIL A (SIMILAR 3 PLACES)" points to a detail view of the corner feature, which shows a radius of R0.250 (TYP) and a height of 0.250. The detail view also includes a reference dimension of 1.125 (REF) and a note "1.000 (REF)" indicating a reference point. Other dimensions shown include 0.290 (TYP 6 PLACES) for a top slot, and various slot widths and corner radii for the top and bottom sections.

UZUOZ = 001 FLAT PATTERN

D2002-001 BENDING DETAIL

DETAIL A  
SCALE 1:1

INSTALL FEM FE-U3Z INSERTS  
(6 PLACES) BEFORE POWDER COAT

Technical drawing showing a cross-sectional view of a mechanical assembly. The drawing includes several dimensions and part numbers:

- Vertical dimension: 1.000
- Vertical dimension: 0.500
- Horizontal dimension: 0.149 (TYP 2 PLACES)
- Horizontal dimension: 0.149 (TYP 4 PLACES)
- Horizontal dimension: 0.812
- Horizontal dimension: 0.491
- Horizontal dimension: 0.563
- Horizontal dimension: 1.125
- Horizontal dimension: 0.149
- Horizontal dimension: 0.491

Part numbers listed on the right side of the drawing:

- $\phi 0.250$  (TYP 2 PLACES)
- $\phi 0.194$  (TYP 4 PLACES)
- $\phi 0.812$

The image displays two different top-layer layout configurations for a printed circuit board (PCB) section. Both configurations feature a central irregularly shaped cutout, likely for a component, surrounded by a rectangular frame. The top frame contains four circular pads, with two on each vertical side. The bottom frame contains four circular pads, with two on each vertical side. The two configurations differ in the presence of two small rectangular pads located on the outer vertical edges of the bottom frame, just above the central cutout. The bottom configuration is labeled with a dimension of 2.30 between the two outer vertical pads. Below these two configurations is a detailed cross-sectional view of a component lead. The lead is shown in a U-shaped bend, with a vertical dimension of 3.60 indicated from the bottom of the bend to the top of the lead. A horizontal dimension of 2.00 is indicated between two points on the lead. The text 'R0.156 (TYP)' is written vertically along the lead, indicating a typical radius for the bend.

## GENERAL NOTES

MATERIAL: 2024-T3 (QQ-A-250/5) 0.063 THICK  
MINIMUM BEND RADIUS: 0.156  
FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1  
POWDER COAT BLACK CRINKLE (REF 4.3.5.3) PER DART QSI 005 4.3  
TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED

C	98.10.19	REDRAWN, UPDATED UPDATED DETAIL A	DWG NOTES
B	95.10.27	ADDED FLAT PATTERN	
A	94.11.18	NEW ISSUE	
DESIGN BY BW	DRAWN BY 	<b>DART</b> DART AEROSPACE LTD HAWKSBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. D2002-001	REV. C SHEET 1 OF 1
DATE 		TITLE VALVE SUPPORT	SCALE 1:12
98.10.19			